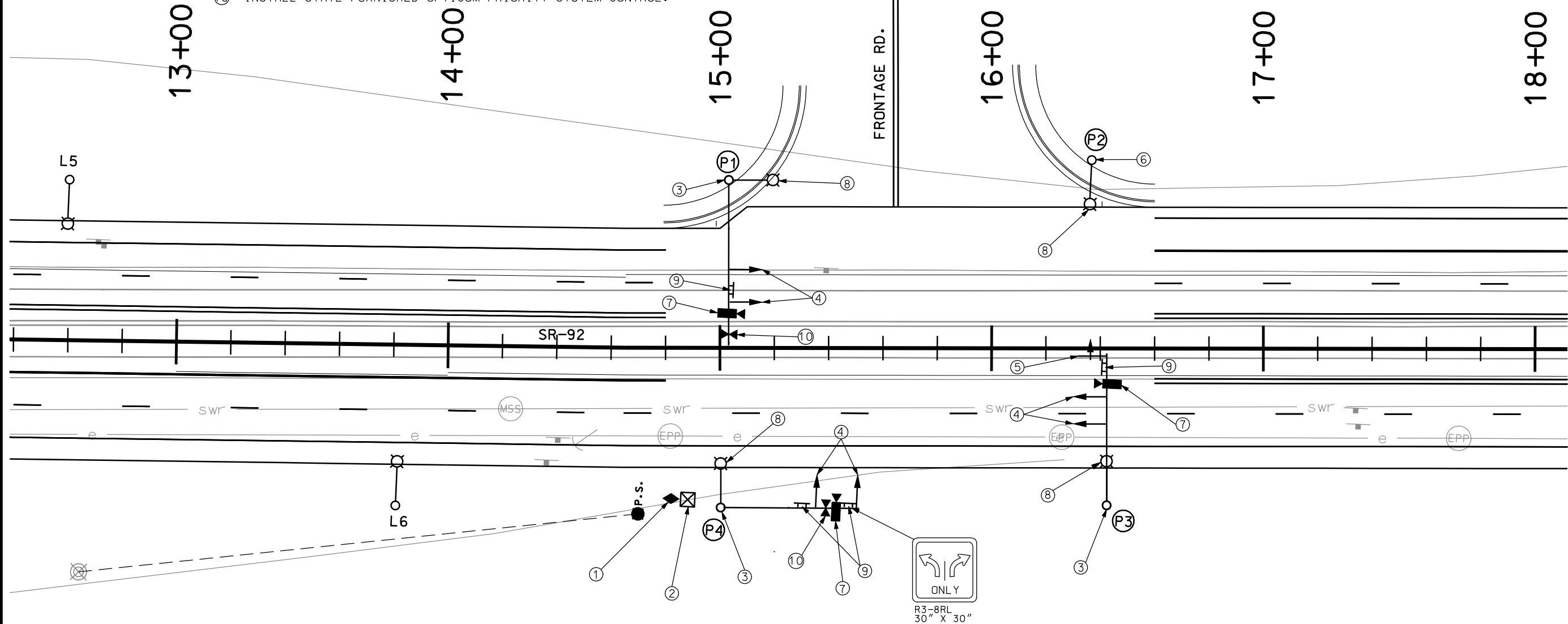


22-MAR-2005 DGN File N:\PROJECTS\4600\_05\Sheet\Files\Signals\_Lighting\4600\_SG-1C.dgn

NOTES: (CIRCLED NOTES IDENTIFY ITEMS ON THIS SHEET)

1. INSTALL UNINTERRUPTED POWER SUPPLY (UPS).
2. INSTALL TS2 TYPE I CONTROLLER AND SIZE 6 CABINET.
3. INSTALL SIGNAL POLE AND MAST ARM.
4. INSTALL TYPE I, 12" 3-SECTION SIGNAL HEAD WITH 46" SIGNAL HEAD BRACKET MOUNT.
5. INSTALL TYPE II, 12" 3-SECTION SIGNAL HEAD W/LEFT TURN ARROW, 46" SIGNAL HEAD BRACKET MOUNT.
6. INSTALL SIGNAL POLE. 50' MAST ARM WILL BE INSTALLED AFTER SOUTH LEG CONSTRUCT IN THE FUTURE.
7. INSTALL VIDEO CAMERA.
8. LUMINAIRE EXTENSION AND ARM WITH 240 VOLT/400 WATT HPS FULL CUT-OFF LUMINAIRE (SEE POLE SCHEDULE).
9. INSTALL MAST ARM MOUNTED SIGN.
10. INSTALL STATE FURNISHED OPTICOM PRIORITY SYSTEM CONTROL.

- LEGEND**
- ① TRAFFIC SIGNAL POLE IDENTIFICATION
  - TRAFFIC SIGNAL MAST ARM & POLE
  - TRAFFIC SIGNAL DOUBLE MAST ARM & POLE
  - EXISTING LUMINAIRE EXTENSION AND ARM
  - NEW TRAFFIC SIGNAL MAST ARM & POLE W/LIGHT POLE EXTENSION
  - POWER SOURCE
  - POST MOUNTED SIGNAL POLE (STD. DWG. SL 5)
  - TYPE I, 12" - 3 SECTION SIGNAL HEAD
  - TYPE II, 12" - 3 SECTION SIGNAL HEAD W/LEFT TURN ARROW
  - TYPE V, 12" - 5 SECTION SIGNAL HEAD ASSEMBLY
  - VIDEO DETECTION CAMERA (ADJUST CAMERA LOCATION IN THE FIELD TO AVOID OBSTRUCTIONS)
  - ☒ NEW TRAFFIC SIGNAL CONTROLLER
  - ☒ EXISTING TRAFFIC SIGNAL CONTROLLER
  - POLYMER CONCRETE TYPE I-PC JUNCTION BOX
  - ▣ POLYMER CONCRETE TYPE II-PC JUNCTION BOX
  - POLYMER CONCRETE TYPE I-PC JUNCTION BOX (FOR STREET LIGHTING)
  - ▣ SAME JUNCTION BOX AS USED FOR SIGNAL CIRCUIT
  - ☐ COUNT-DOWN PEDESTRIAN SIGNAL HEAD W/PUSH BUTTON
  - ◆ UNINTERRUPTED POWER SUPPLY (UPS)
  - ☐ EXISTING LIGHTING JUNCTION BOX
  - ☒ OPTICOM PRIORITY SYSTEM CONTROL



POLE IDENT.	STATION	OFFSET		MAST ARM LENGTH	LUMINAIRE MOUNTING HEIGHT	LUMINAIRE ARM LENGTH	REMARKS
		LEFT	RIGHT				
		FT	FT			FT	
☒	14+88.22		55.8				
P1	15+03.21	61.8		60	40	10	
P2	16+36.77	69.3			40	10	
P3	16+42.40		57.7	55	40	10	
P4	15+00.37		58.7	50	40	10	

MAST ARM MOUNTED SIGNS SCHEDULE				
POLE ID	CENTER OF SIGN TO END OF MAST ARM	A-2 SIGN W/G 8" "C" SERIES	A-2 SIGN	REMARKS
	FT			
P1	20	FRONTAGE RD.		
P3	3	FRONTAGE RD.		
P4	3 & 20	SR-92	R3-8RL	

CONTACT UDOT SIGN SHOP AT 965-4184 30 DAYS BEFORE SCHEDULED PICK UP DATE IF ADDITIONAL EQUIPMENT IS NEEDED FOR RELOCATION OF SIGNS FROM EXISTING SIGNAL POLES.

UTAH DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRAFFIC AND SAFETY  
SIGNAL AND LIGHTING DESIGN

SR-92, EAST OF I-15  
IN LEHI, UTAH CO.  
SIGNAL PLAN SHEET

UTAH  
COUNTY

SHEET NO. SG-1C

APPROVAL	DATE	PROJECT DESIGN ENGINEER	DESIGN	DATE	REVIEW
RECOMM.			RCC	02/05	CHECK
APPROVED			RCC	02/05	CHECK
BY UDOT			RCC	02/05	CHECK

PROJECT NUMBER	DATE	PRECONSTRUCTION ENGINEER	QUANT.	DATE	BY
SP-0092(5)1			RCC	02/05	

DESIGN	NO.	DATE	REVISIONS
DESIGN			
REV. BY			
DATE			
REVISIONS			